

CERTIFICATE OF CONFORMITY

1. FIRE PROTECTION EQUIPMENT

2. **Certificate No:** FM23FPUS0098
3. **Equipment:** Kidde AirSense Stratos-Micra 25, 100 Aspirating Smoke Detector
(Type Reference and Name)
4. **Name of Listing Company:** Carrier Fire & Security B.V.
5. **Address of Listing Company:** Kelvinstraat 7,
NL-6003 DH, Weert, Netherlands
6. The examination and test results are recorded in confidential report number:
3017268 dated 7th June 2021
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval Standards and other documents:
FM 3230:2023
8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.
9. **Approval Guide Listing Category:**
Alarm Signal Initiating Devices, Smoke Detectors
Alarm Signal Initiating Devices, Smoke Detectors, Very Early Warning Fire Detection (VEWFD) Systems

Certificate issued by:

J.E. Marquedant
VP, Manager - Electrical Systems

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC, 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
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10. Description of Equipment:

Kidde AirSense Stratos-Micra 25 and 100

Smoke detection technology	aspirating type high sensitivity smoke detector
Sensitivity range	0.01%/ft (0.003 dB/m) to 4%/ft (1.2 dB)
Detector Firmware	version 2.6 and 2.4
Command Module Firmware	version 1.7
Accessories	Sampling pipe design software, PipeCAD, Version 3.4.X
Operating voltage range	20.4 to 26.4V dc supplied by an FM Approved power supply (120V ac). Secondary power is from two 12V dc, 26 AH batteries for 24 hours.
Operating temperature range	indoor use only in ambient temperatures of 32°F to 120°F (0°C to 49°C)
Compatible fire alarm control panels (FACPs) and power sources	For use with compatible FM Approved fire alarm controls via the standard relay contacts on the terminal board of the detector. The system consists of a standard Micra 25 or Micra 100 detector, or a network with a command module (Firmware version 1.7) and connected standard detectors. Each Micra 25 detector is equipped with one sampling pipe inlet. Each Micra 100 detector is equipped with two sampling pipe inlets.

11. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

12. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

13. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
HISTORY_DATE	Original Issue. Reference RR237511 and 3017268CoC

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